

**UNIVERSAL SERIAL BUS TECHNOLOGY (USB) 2.0 AND THE
COMPARISON WITH FIREWIRE / ELECTRICS AND ELECTRONICS
INSTITUTE ENGINEERS (IEEE) 1394**

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Abstract:

In line with current technological developments, particularly in the field of hardware that has made it easier for users to do something or work. With the discovery of the hardware used for data storage or files in very large quantities and high data transfer speed, then no longer need to use floppy disks or compact discs (CDs) used to store data or files in very limited or small.

At this writing, discussing about the speed of data transfer or file on Universal Serial Bus (USB) 2.0 that can do the process of transferring achieve 480-Mbps, faster than Firewire / Institute Electrics and Electronics Engineers (IEEE) in 1394 which has the speed in transferring data or files reach 400 Mbps.

Universal Serial Bus (USB) has a data transfer method, "Master-Slave" in which computers have the authority to handle all the functions and set the data rate to / from and between the peripherals used. While for Firewire (IEEE 1394) in data transfer using the "Peer to Peer" such as communication between the scanner and printer, where peripherals can overcome problems that occur on the bus and can determine which device can perform or control the data transfer.

Bibliography: 4 (1989 - 2005)